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NOTICE OF ALLOWANCE AND FEE(S) DUE

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10/01/2008

VENABLE LLP P.O. BOX 34385 WASHINGTON, DC 20043-9998 EXAMINER

VU, MINDY D

ART UNIT PAPER NUMBER

2884

DATE MAILED: 10/01/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/534,281	04/10/2006	Graham Paul Hopkins	41557-218322 RK	1136

TITLE OF INVENTION: GAS SENSORS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	01/02/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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VENABLE LL P.O. BOX 34385	LP 5	/2008	I	l here	Certifi eby certify that this I s Postal Service with	cate of M Fee(s) Tr	Mailing or Transm ransmittal is being or	deposited with the United class mail in an envelope bove, or being facsimile e indicated below.
WASHINGTON	N, DC 20043-9998		t T	rans	mitted to the USPTO	(571) 27	73-2885, on the dat	e indicated below. (Depositor's name)
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR	A	TTORNE	Y DOCKET NO.	CONFIRMATION NO.
10/534,281	04/10/2006	•	Graham Paul Hopkii	ns	•	41557-	-218322 RK	1136
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APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	UE	PREV. PAID ISSUE F	EE TO	OTAL FEE(S) DUE	DATE DUE
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VU, MI	NDY D	2884	250-343000					
. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up or agents OR, alterr (2) the name of a si registered attorney 2 registered patent a	reprinting on the patent front page, list the names of up to 3 registered patent attorneys tents OR, alternatively, the name of a single firm (having as a member a tered attorney or agent) and the names of up to distered patent attorneys or agents. If no name is did, no name will be printed.				
PLEASE NOTE: Unl recordation as set fort (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		data will appear on th T a substitute for filing (B) RESIDENCE: (C.	e pa an a	tent. If an assignee ssignment. and STATE OR COU	JNTRY))	cument has been filed for
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10/534,281	04/10/2006	Graham Paul Hopkins	41557-218322 RK	1136
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VENABLE LLP			VU, MINDY D	
P.O. BOX 34385			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20043-9998			2884	
			DATE MAILED: 10/01/200	8

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 251 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 251 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)	
	 10/534,281	HOPKINS ET AL.	
Notice of Allowability	Examiner	Art Unit	
	 MINDY VU	2884	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIPLY of the Office or upon petition by the applicant. See 37 CFR 1.313 1. This communication is responsive to submissions of 17 July	(OR REMAINS) CLOSED or other appropriate comr IGHTS. This application is and MPEP 1308.	in this application. If not included nunication will be mailed in due course. THI S	
2. ☑ The allowed claim(s) is/are <u>1-10,12-14 and 16</u> .			
 3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). 	been received. been received in Applicat	ion No)
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give	IENT of this application. itted. Note the attached EX	(AMINER'S AMENDMENT or NOTICE OF	
5. CORRECTED DRAWINGS (as "replacement sheets") mus	. , -	or decidration to denote it.	
(a) ☐ including changes required by the Notice of Draftspers		ow (PTO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	•	w (110 540) attached	
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	s Amendment / Comment	the drawings in the front (not the back) of	
DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MA	FERIAL must be submitted. Note the	
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 5/16/08 & 7/17/08 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6.	nformal Patent Application Summary (PTO-413), ./Mail Date s Amendment/Comment s Statement of Reasons for Allowance	

DETAILED ACTION

This Office Action is in response to Applicant's amendment filed July 17, 2008.

Information Disclosure Statement

Evidence of consideration is not repeated where lined through.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lea Nicholson on September 24, 2008.

The application has been amended as follows:

Claim 1 -- the detectors being <u>circumferentially</u> arranged around the radiation source –

The word "circumferentially" is added to distinguish the present invention with the prior art.

Response to Arguments

Applicant's arguments, see pages 4 and 5, filed July 17, 2009, with respect to claim 1 as amended have been fully considered and are persuasive. The rejection of claim 1 and those depend from it has been withdrawn.

Art Unit: 2884

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MINDY VU whose telephone number is (571)272-8539. The examiner can normally be reached on M-F 9am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Porta can be reached on 571-272-2444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

mν

/David P. Porta/

Supervisory Patent Examiner, Art Unit 2884